

**Amendments to the Claims**

This listing of claims will replace all prior versions, and listings of claims in the application:

**Listing of Claims:**

1. (Currently amended) An immunizing composition, comprising a pharmaceutically acceptable excipient and, as active ingredient, an isolated peptide consisting of 5 to 30 40 amino acid residues, originating from a human cytokine, ~~characterized in that at least one of its amino acids comprises at least one of its atoms separated by a distance d of less than 5 angströms from an atom of the receptor for said cytokine when said cytokine is bound to its receptor, the spacing d being evaluated on the basis of structural data,~~ wherein said isolated peptide comprises a sequence selected from the group consisting of SEQ ID NO:2, SEQ ID NO:3, SEQ ID NO:37, SEQ ID NO:4, SEQ ID NO:38, SEQ ID NO:5, SEQ ID NO:6, SEQ ID NO:7, SEQ ID NO:39, SEQ ID NO:25, and SEQ ID NO:26.

Claims 2-14 (Cancelled)

15 (Withdrawn-currently amended). The ~~isolated peptide~~ immunizing composition of claim 1, wherein said peptide ~~which~~ comprises SEQ ID NO:2.

16 (Withdrawn-currently amended). The ~~isolated peptide~~ immunizing composition of claim 1 ~~which~~ wherein said peptide comprises SEQ ID NO:3.

17 (Withdrawn-currently amended). The ~~isolated peptide~~  
immunizing composition of claim 1, wherein said peptide ~~which~~ comprises  
SEQ ID NO:37.

18 (Withdrawn-currently amended). The ~~isolated peptide~~  
immunizing composition of claim 1, wherein said peptide ~~which~~ comprises  
SEQ ID NO:4.

19 (Withdrawn-currently amended). The ~~isolated peptide~~  
immunizing composition of claim 1, wherein said peptide ~~which~~ comprises  
SEQ ID NO:38.

20 (Currently amended). The ~~isolated peptide~~ immunizing  
composition of claim 1, wherein said peptide ~~which~~ comprises SEQ ID  
NO:5.

21 (Currently amended). The ~~isolated peptide~~ immunizing  
composition of claim 1, wherein said peptide ~~which~~ comprises SEQ ID  
NO:6.

22 (Currently amended). The ~~isolated peptide~~ immunizing  
composition of claim 1, wherein said peptide ~~which~~ comprises SEQ ID  
NO:7.

23 (Currently amended). The ~~isolated peptide~~ immunizing  
composition of claim 1, wherein said peptide ~~which~~ comprises SEQ ID  
NO:39.

24 (Withdrawn-currently amended). The ~~isolated peptide~~  
immunizing composition of claim 1, wherein said peptide ~~which~~ comprises  
SEQ ID NO:25.

25 (Withdrawn-currently amended). The ~~isolated peptide~~  
immunizing composition of claim 1, wherein said peptide ~~which~~ comprises  
SEQ ID NO:26.

26 (New). An immunizing composition, comprising a  
pharmaceutically acceptable excipient and, as an active ingredient, a  
peptide consisting of the amino acid sequence of SEQ ID NO:25.

27 (New). An immunizing composition, comprising a  
pharmaceutically acceptable excipient and, as an active ingredient, a  
peptide consisting of the amino acid sequence of SEQ ID NO:38.